



SATURN V PROGRAM DIRECTIVE

NUMBER: 25

SUBJECT: ELECTRICAL CABLE UTILIZATION FOR SATURN V PROGRAM

ORIGINAL ISSUE DATE: Feb. 10, 1966 REVISION NUMBER: _____
 DATE OF REVISION: _____ PREPARED BY: Saturn V Systems Engineering Office
 I-V-E (876-7428)

I. PURPOSE

The purpose of this Program Directive is to establish Saturn V Program Policy for the utilization of:

- . Conventional round wire cable harnesses
- . Flat conductor cables and connectors

II. SCOPE

This directive establishes policy and responsibilities for all MSFC elements engaged in the utilization of cables in the Saturn V Program.

It shall be implemented by all MSFC Industrial Operations and R&DO organizational elements and Saturn V contractors supporting the Saturn V Program.

III. APPLICABILITY

This directive is applicable to the following:

- Saturn V Launch Vehicle
- S-IC Stage and Associated GSE
- S-II Stage and Associated GSE
- S-IVB Stage and Associated GSE
- Instrument Unit and Associated GSE
- Launch Vehicle GSE

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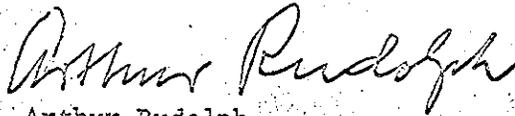
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IV. POLICY

The primary cabling method to be used in the Saturn V Program will be conventional round wire harnesses. Only in cases where flat conductor cables are presently being used for internal component wiring will the practice be permitted. No effort will be expended using Saturn V Program funds for the development or further studies of flat conductor cables.

If the utilization of flat cabling becomes practical for Saturn V, the following information must be provided before implementation will be considered:

- Complete qualification and reliability test reports
- Installation design documentation



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